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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Hyo Jeong Hong et al.	Examiner:	Not yet assigned
Serial No.:	09/856,114	Group Art Unit:	Not yet assigned
Filed:	May 18, 2001	Docket:	G&C 118.13-US-WO
Title:	HUMANIZED ANTIBODY SPECIFIC FOR SURFACE ANTIGEN PRE-S1 OF HBV AND PREPARATION METHOD THEREOF		



CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on January 18, 2002.

By: 

Name: Karen S. Canady

INFORMATION DISCLOSURE STATEMENT(37 C.F.R. §1.97(b))

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art". Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

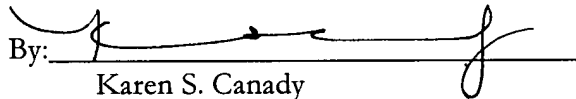
Respectfully submitted,

GATES & COOPER LLP
Attorneys for Applicant(s)

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045
(310) 641-8797

Date: January 18, 2002

KSC/amb

By: 
Karen S. Canady
Reg. No.: 39,927

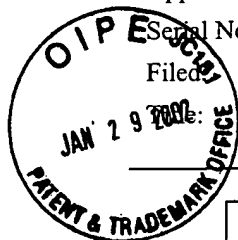


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JC10 Rec'd PCT/PTO 29 JAN 2002
Due Date: January 18, 2002

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By:
Name: Karen S. Canady

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- ☒ Information Disclosure Statement and Form PTO-1449.
- ☒ Cited Reference(s).
- ☒ Return postcard.

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462
GATES & COOPER LLP
Howard Hughes Center
6701 Center Drive West, Suite 1050
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Reg. No.: 39,927
KSC/amb

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Form 1449*

INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION

Docket Number: G&C 118.13-US-WO

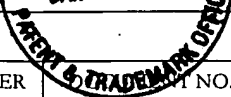
Application Number: 09/856,114

Applicant: Hyo Jeong Hong et al.

Filing Date: May 18, 2001

Group Art Unit: To be assigned

JAN 29 2002



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 93/16192 A1	08/19/93	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	C.J. Ryu et al., "A Humanized Antibody with Specificity for Hepatitis B Surface Antigen", <i>Hum. Antibod. Hybridomas</i> , Vol. 7, No. 3, 1996, pp. 113-122.
	C.J. Ryu et al., "In Vitro Neutralization of Hepatitis B Virus by Monoclonal Antibodies Against the Viral Surface Antigen", <i>Journal of Medical Virology</i> , Vol. 52, 1997, pp. 226-233.
	Neurath and Kent, "The pre-S Region of Hepadnavirus Envelope Proteins", <i>Adv. Virus Res.</i> , Vol. 34, 1998, pp. 65-142.
	Iwarson, et al., "Neutralization of Hepatitis B Virus Infectivity by a Murine Monoclonal Antibody: An Experimental Study in the Chimpanzee" <i>J. Med. Virol.</i> , Vol. 16, 1985, pp. 89-96.
	Itoh et al., "A Synthetic Peptide Vaccine Involving the Product of the Pre-S(2) Region of Hepatitis B Virus DNA: Protective Efficacy in Chimpanzees", <i>Proc. Natl. Acad. Sci., USA</i> , Vol. 83, 1986, pp. 9174-9178.
	Budkowska et al., "Monoclonal Antibody Recognizing Pre-S(2) Epitope of Hepatitis B Virus: Characterization of Pre-S(2) Epitope and Anti-Pre-S(2) Antibody", <i>J. Med. Virol.</i> , Vol. 20, 1986, pp. 111-125.
	Milich et al., "Distinct H-2-linked Regulation of T-cell Responses to the pre-S and S Regions of the Same Hepatitis B Surface Antigen Polypeptide Allows Circumvention of Nonresponsiveness to the S Region", <i>Proc. Natl. Acad. Sci., USA</i> , Vol. 82, 1985, pp. 8168-8172.
	Milich et al., "Immune Response to the Pre-S(1) Region of the Hepatitis B Surface Antigen (HBsAg): A Pre-S(1)-Specific T Cell Response can Bypass Nonresponsiveness to the Pre-S(2) and S Regions of HBsAg ¹ ", <i>J. Immunol.</i> , Vol. 137, 1986, pp. 315-322.
	Heermann et al., "Large Surface Proteins of Hepatitis B Virus Containing the Pre-s Sequence", <i>J. Virol.</i> , Vol. 52, No. 2, 1984, pp. 396-402.
	Neurath et al., "Identification and Chemical Synthesis of a Host Cell Receptor Binding Site on Hepatitis B Virus", <i>Cell</i> , Vol. 46, 1986, pp. 429-436.
	Pontisso et al., "Identification of an Attachment Site for Human Liver Plasma Membranes on Hepatitis B Virus Particles", <i>Virology</i> , Vol. 173, 1989, pp. 522-530.
	Neurath et al., "Antibodies to Synthetic Peptides from the Pre-S1 Region of the Hepatitis B Virus (HBV) Envelope (env) Protein are Virus-neutralizing and Protective", <i>Vaccine</i> , Vol. 7, 1989, pp. 234-6.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

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